

WHAT IS CLAIMED IS:

- 1/ A suspension device for an electric pump of an assembly for drawing fuel in a motor vehicle, the device comprising: an outer support suitable for surrounding the electric pump, centered on an axis parallel to the axis of the electric pump, and adapted to be secured to the fuel-drawing assembly; and at least one resilient arm connected to the inside periphery of said outer support, which resilient arm extends essentially in a plane that is transverse to the axis of said outer support and possesses a shape such as to rest at least substantially tangentially against the body of the electric pump over a fraction of its length in order to support it at a distance from the outer support.
5
- 15 2/ A device according to claim 1, wherein the outer support is formed by a closed ring.
- 20 3/ A device according to claim 1, wherein the outer support is formed by an open ring.
- 4/ A device according to claim 1, wherein each arm carries a plurality of studs adapted to apply identical stresses to a central electric pump body.
25
- 5/ A device according to claim 1, having two resilient arms.
- 30 6/ A device according to claim 1, wherein the arms are concave facing the axis O-O of the ring.
- 7/ A device according to claim 1, wherein each arm carries at least one stud.
- 35 8/ A device according to claim 7, wherein each arm carries a stud in the vicinity of its free end, and a stud substantially halfway along.

9/ A device according to claim 1, wherein the mean radius of each arm relative to a center coinciding with the axis of the pump decreases going towards the free end of the arm.

5

10/ A device according to claim 1, comprising a plurality of fins uniformly distributed around the axis O-O of the ring and having convex sides facing towards said axis.

10

11/ A device according to claim 1, comprising a plurality of pairs of fins in the form of V-shapes uniformly distributed around the axis O-O of the ring.

15

12/ A device according to claim 1, comprising a plurality of pairs of fingers uniformly distributed around the axis O-O of the ring.

20

13/ A device according to claim 1, comprising resilient arms formed by beams each connected at both ends to the inside surface of the ring.

25

14/ A device according to claim 1, wherein the resilient arms are symmetrical about the axis O-O of the ring.

15/ A device according to claim 1, wherein the ring and the resilient arms are made by a single molding of plastics material.

30

16/ A device according to claim 1, the device being made of polyoxymethylene.

17/ A device according to claim 1, the device being designed to be supported on a fuel-drawing assembly.

35

18/ A device according to claim 1, the device being formed integrally on an element of a fuel-drawing assembly.

5 19/ A device according to claim 1, wherein one arm carries means adapted to act as an axial support for the electric pump.

10 20/ A device according to claim 1, having means suitable for constituting an angular abutment for the electric pump body.

15 21/ An assembly for drawing fuel in a motor vehicle, the assembly including an electric pump suspension device according to claim 1.